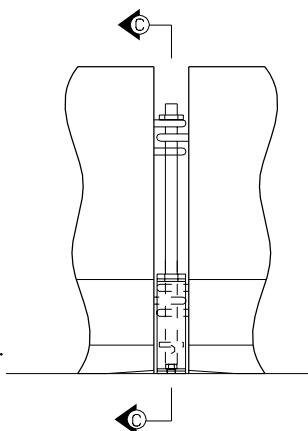
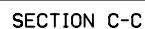
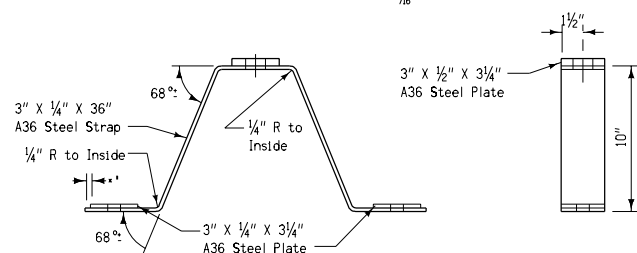









Tie Downs are considered incidental to the pay item "Temporary Barrier Rail, Concrete".



Per 12'-6" Barrier Section					
REINFORCING A615 Gr. 60					
Bar	Bar Size	Shape	No. of Bars	Length Ft.	Weight Lbs.
4A1	4		12	6'-0"	48.1
6A2	6		6	2'-11"	26.3
5B1	5		3	12'-2"	38.1
4C1	4		2	12'-2"	16.3
LOOP ASSEMBLY					
6D1	6		2	8'-5"	25.3
6D2	6		2	7'-7"	22.8
6D3	6		2	8'-6"	25.5

- ① Color same as adjacent edgeline.
- ② 1 inch radius allowed.
- ③ Retainer bolt & nut are not required with 3-loop barrier. Bolt & nut are required with 2-loop barriers (previous designs), and with the strap tie-down.



Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN	RE-71(2)
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REVISION: Changed number of loop bars and added strap tie-down details.

APPROVED BY DESIGN METHODS ENGINEER	4
<i>William J. Steen</i>	REVISION DATE
	04-15-03

F-SHAPE (PRECAST)
TEMPORARY CONCRETE BARRIER RAIL
(PAGE 2 OF 2)